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DT09 Rec'd PCT/PTO 21 JUL 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	
)	
Marc Airiau et al.)	Group Art Unit:
)	
Application No.:)	Examiner:
)	
Filed: Herewith)	Confirmation No.:
)	
For: MESOSTRUCTURED MATERIALS)	
INTEGRATING NANOMETRIC)	
CRYSTALLINE PARTICLES)	
COMPRISING A METAL IN SOLID)	
SOLUTION WITHIN THEIR)	
CRYSTALLINE LATTICE (AS)	
AMENDED))	

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date July 21, 2004

By:


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**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number

10/501985

Filing Date

Herewith

First Named Inventor

Marc AIRIAU et al.

Examiner Name

Sheet

1

of

1

Attorney Docket Number

022702-099

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	01 32558		WO	05-10-2001				*			*

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	MULUKUTLA R. S. et al., "Nanoparticles of RhO _x in the MCM-41: a novel catalyst for NO-CO reaction in excess O ₂ ", Scripta Materialia, Elsevier, New York, NY, US., Vol. 44, No. 8-9, May 18, 2001, pages 1695-1698, XP004327634, ISSN: 1359-6462.
	MOLLER K. et al., "Inclusion Chemistry in Periodic Mesoporous Hosts", Chemistry of Materials, American Chemical Society, Washington, US, Vol 10, No. 10, October 1, 1998, pages 2950-2963, XP000782396, ISSN: 0897-4756, *pages 2952, 2953 "2.4 Oxide and sulfide clusters"
	ARONSON B. J. et al., "Solutions-Phase Grafting of Titanium Dioxide onto the Pore Surface of Mesoporous Silicates: Synthesis and Structural Characterization", Chemistry of Materials, American Chemical Society, Washington, US, Vol. 9, No. 12, December 1, 1997, pages 2842-2851, XP000729213, ISSN: 0897-4756, pages 2842-2843.
	DAPURKAR S. E. et al., "Nanosized metal oxides in the mesopores of MCM-41 and MCM-48 Silicates", Catal Today; Catalysis Today, July 1, 2001, Vol. 68, No. 1-3, July 1, 2001, pages 63-68, XP002217205
	KOEHN R. et al., "Iron(III) Oxide Within Mesoporous MCM-48 Silica Phases: Synthesis and Characterization", Materials Research Society Symposium Proceedings, Materials Research Society Pottsburg, PA, US, Vol. 547, 1999, pages 81-86, XP000921383, ISSN: 0272-9172.

* COPY ATTACHED

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.